

SEQUENCE LISTING

tcg	ctg	gat	ccc	aac	aca	cgc	gtc	gaa	gaa	acc	atg	aaa	acg	ctg	aat	288
Ser	Leu	Asp	Pro	Asn	Thr	Arg	Val	Glu	Glu	Thr	Met	Lys	Thr	Leu	Asn	
			85					90					95			

gtg ggc aaa gag gat ttg ctt atg tgg agc atc agg cag cag tgc gag Val Gly Lys Glu Asp Leu Leu Met Trp Ser Ile Arg Gln Gln Cys Glu 100 105 110	336
gtg ggc gaa gag ctg atc gac cgt tgg ggc agt gac agc gac gac tgt Val Gly Glu Glu Leu Ile Asp Arg Trp Gly Ser Asp Ser Asp Asp Cys 115 120 125	384
ttt cgc gac aac gag ggc cgc ggc cag tgg gtc aaa ggc aaa gag ttg Phe Arg Asp Asn Glu Gly Arg Gly Gln Trp Val Lys Gly Lys Glu Leu 130 135 140	432
gtg aag cgg cag aat aac aat cac ttt gcg cac cac acg tgc aac aaa Val Lys Arg Gln Asn Asn Asn His Phe Ala His His Thr Cys Asn Lys 145 150 155 160	480
tcg tgg cga tgc ggc att tcc act tcg aaa atg tac agc agg ctc gag Ser Trp Arg Cys Gly Ile Ser Thr Ser Lys Met Tyr Ser Arg Leu Glu 165 170 175	528
tgc cag gac gac acg gac gag tgc cag gta tac att ttg gac gct gag Cys Gln Asp Asp Thr Asp Glu Cys Gln Val Tyr Ile Leu Asp Ala Glu 180 185 190	576
ggc aac ccc atc aac gtg acc gtg gac act gtg ctt cat cga gac ggc Gly Asn Pro Ile Asn Val Thr Val Asp Thr Val Leu His Arg Asp Gly 195 200 205	624
gtg agt atg att ctc aaa caa aag tct acg ttc acc acg cgc caa ata Val Ser Met Ile Leu Lys Gln Lys Ser Thr Phe Thr Thr Arg Gln Ile 210 215 220	672
aaa gct gcg tgt ctg ctc att aaa gat gac aaa aat aac ccc gag tcg Lys Ala Ala Cys Leu Leu Ile Lys Asp Asp Lys Asn Asn Pro Glu Ser 225 230 235 240	720
gtg aca cgc gaa cac tgt ttg att gac aat gat ata tat gat ctt tct Val Thr Arg Glu His Cys Leu Ile Asp Asn Asp Ile Tyr Asp Leu Ser 245 250 255	768
aaa aac acg tgg aac tgc aag ttt aac aga tgc att aaa cgc aaa gtc Lys Asn Thr Trp Asn Cys Lys Phe Asn Arg Cys Ile Lys Arg Lys Val 260 265 270	816
gag cac cga gtc aag aag cgg ccg ccc act tgg cgc cac aac gtt aga Glu His Arg Val Lys Lys Arg Pro Pro Thr Trp Arg His Asn Val Arg 275 280 285	864
gcc aag tac aca gag gga gac act gcc acc aaa ggc gac ctg atg cat Ala Lys Tyr Thr Glu Gly Asp Thr Ala Thr Lys Gly Asp Leu Met His 290 295 300	912
att caa gag gag ctg atg tac gaa aac gat ttg ctg aaa atg aac att Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys Met Asn Ile 305 310 315 320	960

gag ctg atg cat gcg cac atc aac aag cta aac aat atg ctg cac gac	1008
Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met Leu His Asp	
325 330 335	
ctg ata gtc tcc gtg gcc aag gtg gac gag cgt ttg att ggc aat ctc	1056
Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile Gly Asn Leu	
340 345 350	
atg aac aac tct gtt tct tca aca ttt ttg tcg gac gac acg ttt ttg	1104
Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp Thr Phe Leu	
355 360 365	
ctg atg ccg tgc acc aat ccg ccg gca cac acc agt aat tgc tac aac	1152
Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn Cys Tyr Asn	
370 375 380	
aac agc atc tac aaa gaa ggg cgt tgg gtg gcc aac acg gac tcg tcg	1200
Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr Asp Ser Ser	
385 390 395 400	
caa tgc ata gat ttt agc aac tac aag gaa cta gca att gac gac gac	1248
Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile Asp Asp Asp	
405 410 415	
gtc gag ttt tgg atc ccg acc atc ggc aac acg acc tat cac gac agt	1296
Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr His Asp Ser	
420 425 430	
tgg aaa gat gcc agc ggc tgg tcg ttt att gcc caa caa aaa agc aac	1344
Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln Lys Ser Asn	
435 440 445	
ctc ata acc acc atg gag aac acc aag ttt ggc ggc gtc ggc acc agt	1392
Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val Gly Thr Ser	
450 455 460	
ctg agc gac atc act tcc atg gct gaa ggc gaa ttg gcc gct aaa ttg	1440
Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala Ala Lys Leu	
465 470 475 480	
act tcg ttc atg ttt ggt cat gta gtt aac ttt gta att ata tta att	1488
Thr Ser Phe Met Phe Gly His Val Val Asn Phe Val Ile Ile Leu Ile	
485 490 495	
gtg att tta ttt ttg tac tgt atg att aga aac cgt aat aga caa tat	1536
Val Ile Leu Phe Leu Tyr Cys Met Ile Arg Asn Arg Asn Arg Gln Tyr	
500 505 510	
taa	1539

<210> 2
 <211> 512
 <212> PRT
 <213> Baculovirus
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Met	Val	Ser	Ala	Ile	Val	Leu	Tyr	Val	Leu	Leu	Ala	Ala	Ala	Ala	His	1	5	10	15
Ser	Ala	Phe	Ala	Ala	Glu	His	Cys	Asn	Ala	Gln	Met	Lys	Thr	Gly	Pro	20	25	30	
Tyr	Lys	Ile	Lys	Asn	Leu	Asp	Ile	Thr	Pro	Pro	Lys	Glu	Thr	Leu	Gln	35	40	45	
Lys	Asp	Val	Glu	Ile	Thr	Ile	Val	Glu	Thr	Asp	Tyr	Asn	Glu	Asn	Val	50	55	60	
Ile	Ile	Gly	Tyr	Lys	Gly	Tyr	Tyr	Gln	Ala	Tyr	Ala	Tyr	Asn	Gly	Gly	65	70	75	80
Ser	Leu	Asp	Pro	Asn	Thr	Arg	Val	Glu	Glu	Thr	Met	Lys	Thr	Leu	Asn	85	90	95	
Val	Gly	Lys	Glu	Asp	Leu	Leu	Met	Trp	Ser	Ile	Arg	Gln	Gln	Cys	Glu	100	105	110	
Val	Gly	Glu	Glu	Leu	Ile	Asp	Arg	Trp	Gly	Ser	Asp	Ser	Asp	Asp	Cys	115	120	125	
Phe	Arg	Asp	Asn	Glu	Gly	Arg	Gly	Gln	Trp	Val	Lys	Gly	Lys	Glu	Leu	130	135	140	
Val	Lys	Arg	Gln	Asn	Asn	Asn	His	Phe	Ala	His	His	Thr	Cys	Asn	Lys	145	150	155	160
Ser	Trp	Arg	Cys	Gly	Ile	Ser	Thr	Ser	Lys	Met	Tyr	Ser	Arg	Leu	Glu	165	170	175	
Cys	Gln	Asp	Asp	Thr	Asp	Glu	Cys	Gln	Val	Tyr	Ile	Leu	Asp	Ala	Glu	180	185	190	
Gly	Asn	Pro	Ile	Asn	Val	Thr	Val	Asp	Thr	Val	Leu	His	Arg	Asp	Gly	195	200	205	
Val	Ser	Met	Ile	Leu	Lys	Gln	Lys	Ser	Thr	Phe	Thr	Thr	Arg	Gln	Ile	210	215	220	
Lys	Ala	Ala	Cys	Leu	Leu	Ile	Lys	Asp	Asp	Lys	Asn	Asn	Pro	Glu	Ser	225	230	235	240
Val	Thr	Arg	Glu	His	Cys	Leu	Ile	Asp	Asn	Asp	Ile	Tyr	Asp	Leu	Ser	245	250	255	
Lys	Asn	Thr	Trp	Asn	Cys	Lys	Phe	Asn	Arg	Cys	Ile	Lys	Arg	Lys	Val	260	265	270	
Glu	His	Arg	Val	Lys	Lys	Arg	Pro	Pro	Thr	Trp	Arg	His	Asn	Val	Arg	275	280	285	
Ala	Lys	Tyr	Thr	Glu	Gly	Asp	Thr	Ala	Thr	Lys	Gly	Asp	Leu	Met	His	290	295	300	

Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys Met Asn Ile
 305 310 315 320
 Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met Leu His Asp
 325 330 335
 Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile Gly Asn Leu
 340 345 350
 Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp Thr Phe Leu
 355 360 365
 Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn Cys Tyr Asn
 370 375 380
 Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr Asp Ser Ser
 385 390 395 400
 Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile Asp Asp Asp
 405 410 415
 Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr His Asp Ser
 420 425 430
 Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln Lys Ser Asn
 435 440 445
 Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val Gly Thr Ser
 450 455 460
 Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala Ala Lys Leu
 465 470 475 480
 Thr Ser Phe Met Phe Gly His Val Val Asn Phe Val Ile Ile Leu Ile
 485 490 495
 Val Ile Leu Phe Leu Tyr Cys Met Ile Arg Asn Arg Asn Arg Gln Tyr
 500 505 510

<210> 3
 <211> 1464
 <212> DNA
 <213> Baculovirus

<220>
 <221> CDS
 <222> (1)..(1464)

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 Met Val Ser Ala Ile Val Leu Tyr Val Leu Leu Ala Ala Ala Ala His
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 tct gcc ttt gcg gcg gag cac tgc aac gcg caa atg aag acg ggt ccg 96
 Ser Ala Phe Ala Ala Glu His Cys Asn Ala Gln Met Lys Thr Gly Pro
 20 25 30

tac aag att aaa aac ttg gac att acc ccg ccc aag gaa acg ctg caa	144
Tyr Lys Ile Lys Asn Leu Asp Ile Thr Pro Pro Lys Glu Thr Leu Gln	
35 40 45	
aag gac gtg gaa atc acc atc gtg gag acg gac tac aac gaa aac gtg	192
Lys Asp Val Glu Ile Thr Ile Val Glu Thr Asp Tyr Asn Glu Asn Val	
50 55 60	
att atc ggc tac aag ggg tac tac cag gcg tat gcg tac aac ggc ggc	240
Ile Ile Gly Tyr Lys Gly Tyr Tyr Gln Ala Tyr Ala Tyr Asn Gly Gly	
65 70 75 80	
tcg ctg gat ccc aac aca cgc gtc gaa gaa acc atg aaa acg ctg aat	288
Ser Leu Asp Pro Asn Thr Arg Val Glu Glu Thr Met Lys Thr Leu Asn	
85 90 95	
gtg ggc aaa gag gat ttg ctt atg tgg agc atc agg cag cag tgc gag	336
Val Gly Lys Glu Asp Leu Leu Met Trp Ser Ile Arg Gln Gln Cys Glu	
100 105 110	
gtg ggc gaa gag ctg atc gac cgt tgg ggc agt gac agc gac gac tgt	384
Val Gly Glu Glu Leu Ile Asp Arg Trp Gly Ser Asp Ser Asp Asp Cys	
115 120 125	
ttt cgc gac aac gag ggc cgc ggc cag tgg gtc aaa ggc aaa gag ttg	432
Phe Arg Asp Asn Glu Gly Arg Gly Gln Trp Val Lys Gly Lys Glu Leu	
130 135 140	
gtg aag cgg cag aat aac aat cac ttt gcg cac cac acg tgc aac aaa	480
Val Lys Arg Gln Asn Asn Asn His Phe Ala His His Thr Cys Asn Lys	
145 150 155 160	
tcg tgg cga tgc ggc att tcc act tcg aaa atg tac agc agg ctc gag	528
Ser Trp Arg Cys Gly Ile Ser Thr Ser Lys Met Tyr Ser Arg Leu Glu	
165 170 175	
tgc cag gac gac acg gac gag tgc cag gta tac att ttg gac gct gag	576
Cys Gln Asp Asp Thr Asp Glu Cys Gln Val Tyr Ile Leu Asp Ala Glu	
180 185 190	
ggc aac ccc atc aac gtg acc gtg gac act gtg ctt cat cga gac ggc	624
Gly Asn Pro Ile Asn Val Thr Val Asp Thr Val Leu His Arg Asp Gly	
195 200 205	
gtg agt atg att ctc aaa caa aag tct acg ttc acc acg cgc caa ata	672
Val Ser Met Ile Leu Lys Gln Lys Ser Thr Phe Thr Thr Arg Gln Ile	
210 215 220	
aaa gct gcg tgt ctg ctc att aaa gat gac aaa aat aac ccc gag tcg	720
Lys Ala Ala Cys Leu Leu Ile Lys Asp Asp Lys Asn Asn Pro Glu Ser	
225 230 235 240	
gtg aca cgc gaa cac tgt ttg att gac aat gat ata tat gat ctt tct	768
Val Thr Arg Glu His Cys Leu Ile Asp Asn Asp Ile Tyr Asp Leu Ser	
245 250 255	

aaa aac acg tgg aac tgc aag ttt aac aga tgc att aaa cgc aaa gtc Lys Asn Thr Trp Asn Cys Lys Phe Asn Arg Cys Ile Lys Arg Lys Val 260 265 270	816
gag cac cga gtc aag aag cgg ccg ccc act tgg cgc cac aac gtt aga Glu His Arg Val Lys Lys Arg Pro Pro Thr Trp Arg His Asn Val Arg 275 280 285	864
gcc aag tac aca gag gga gac act gcc acc aaa ggc gac ctg atg cat Ala Lys Tyr Thr Glu Gly Asp Thr Ala Thr Lys Gly Asp Leu Met His 290 295 300	912
att caa gag gag ctg atg tac gaa aac gat ttg ctg aaa atg aac att Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys Met Asn Ile 305 310 315 320	960
gag ctg atg cat gcg cac atc aac aag cta aac aat atg ctg cac gac Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met Leu His Asp 325 330 335	1008
ctg ata gtc tcc gtg gcc aag gtg gac gag cgt ttg att ggc aat ctc Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile Gly Asn Leu 340 345 350	1056
atg aac aac tct gtt tct tca aca ttt ttg tcg gac gac acg ttt ttg Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp Thr Phe Leu 355 360 365	1104
ctg atg ccg tgc acc aat ccg ccg gca cac acc agt aat tgc tac aac Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn Cys Tyr Asn 370 375 380	1152
aac agc atc tac aaa gaa ggg cgt tgg gtg gcc aac acg gac tcg tcg Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr Asp Ser Ser 385 390 395 400	1200
caa tgc ata gat ttt agc aac tac aag gaa cta gca att gac gac gac Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile Asp Asp Asp 405 410 415	1248
gtc gag ttt tgg atc ccg acc atc ggc aac acg acc tat cac gac agt Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr His Asp Ser 420 425 430	1296
tgg aaa gat gcc agc ggc tgg tcg ttt att gcc caa caa aaa agc aac Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln Lys Ser Asn 435 440 445	1344
ctc ata acc acc atg gag aac acc aag ttt ggc ggc gtc ggc acc agt Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val Gly Thr Ser 450 455 460	1392
ctg agc gac atc act tcc atg gct gaa ggc gaa ttg gcc gct aaa ttg Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala Ala Lys Leu 465 470 475 480	1440
act tcg ttc atg ttt ggt cat gta	1464

Thr Ser Phe Met Phe Gly His Val
485

<210> 4
<211> 488
<212> PRT
<213> Baculovirus

<400> 4
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Ser Ala Phe Ala Ala Glu His Cys Asn Ala Gln Met Lys Thr Gly Pro
20 25 30
Tyr Lys Ile Lys Asn Leu Asp Ile Thr Pro Pro Lys Glu Thr Leu Gln
35 40 45
Lys Asp Val Glu Ile Thr Ile Val Glu Thr Asp Tyr Asn Glu Asn Val
50 55 60
Ile Ile Gly Tyr Lys Gly Tyr Tyr Gln Ala Tyr Ala Tyr Asn Gly Gly
65 70 75 80
Ser Leu Asp Pro Asn Thr Arg Val Glu Glu Thr Met Lys Thr Leu Asn
85 90 95
Val Gly Lys Glu Asp Leu Leu Met Trp Ser Ile Arg Gln Gln Cys Glu
100 105 110
Val Gly Glu Glu Leu Ile Asp Arg Trp Gly Ser Asp Ser Asp Asp Cys
115 120 125
Phe Arg Asp Asn Glu Gly Arg Gly Gln Trp Val Lys Gly Lys Glu Leu
130 135 140
Val Lys Arg Gln Asn Asn Asn His Phe Ala His His Thr Cys Asn Lys
145 150 155 160
Ser Trp Arg Cys Gly Ile Ser Thr Ser Lys Met Tyr Ser Arg Leu Glu
165 170 175
Cys Gln Asp Asp Thr Asp Glu Cys Gln Val Tyr Ile Leu Asp Ala Glu
180 185 190
Gly Asn Pro Ile Asn Val Thr Val Asp Thr Val Leu His Arg Asp Gly
195 200 205
Val Ser Met Ile Leu Lys Gln Lys Ser Thr Phe Thr Thr Arg Gln Ile
210 215 220
Lys Ala Ala Cys Leu Leu Ile Lys Asp Asp Lys Asn Asn Pro Glu Ser
225 230 235 240
Val Thr Arg Glu His Cys Leu Ile Asp Asn Asp Ile Tyr Asp Leu Ser
245 250 255

Lys Asn Thr Trp Asn Cys Lys Phe Asn Arg Cys Ile Lys Arg Lys Val
 260 265 270
 Glu His Arg Val Lys Lys Arg Pro Pro Thr Trp Arg His Asn Val Arg
 275 280 285
 Ala Lys Tyr Thr Glu Gly Asp Thr Ala Thr Lys Gly Asp Leu Met His
 290 295 300
 Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys Met Asn Ile
 305 310 315 320
 Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met Leu His Asp
 325 330 335
 Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile Gly Asn Leu
 340 345 350
 Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp Thr Phe Leu
 355 360 365
 Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn Cys Tyr Asn
 370 375 380
 Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr Asp Ser Ser
 385 390 395 400
 Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile Asp Asp Asp
 405 410 415
 Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr His Asp Ser
 420 425 430
 Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln Lys Ser Asn
 435 440 445
 Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val Gly Thr Ser
 450 455 460
 Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala Ala Lys Leu
 465 470 475 480
 Thr Ser Phe Met Phe Gly His Val
 485

<210> 5

<211> 28

<212> DNA

<213> Artificial

<220>

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gaattccacc atggttaagcg ctattggtt

<210> 6
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 <212> DNA
 <213> Artificial

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<400> 6
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<210> 7
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 <212> DNA
 <213> Artificial

<220>
 <223> an artificially synthesized primer sequence

<400> 7
 taatacgact cactata 17

<210> 8
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <223> an artificially synthesized primer sequence

<400> 8
 catacgattt aggtgacact atag 24

<210> 9
 <211> 1486
 <212> DNA
 <213> Baculovirus

<220>
 <221> CDS
 <222> (2)..(1474)

<400> 9
 g aat tcc acc atg gta agc gct att gtt tta tat gtg ctt ttg gcg gcg 49
 Asn Ser Thr Met Val Ser Ala Ile Val Leu Tyr Val Leu Leu Ala Ala
 1 5 10 15

gcg gcg cat tct gcc ttt gcg gcg gag cac tgc aac gcg caa atg aag 97
 Ala Ala His Ser Ala Phe Ala Ala Glu His Cys Asn Ala Gln Met Lys
 20 25 30

acg ggt ccg tac aag att aaa aac ttg gac att acc ccg ccc aag gaa	145
Thr Gly Pro Tyr Lys Ile Lys Asn Leu Asp Ile Thr Pro Pro Lys Glu	
35 40 45	
acg ctg caa aag gac gtg gaa atc acc atc gtg gag acg gac tac aac	193
Thr Leu Gln Lys Asp Val Glu Ile Thr Ile Val Glu Thr Asp Tyr Asn	
50 55 60	
gaa aac gtg att atc ggc tac aag ggg tac tac cag gcg tat gcg tac	241
Glu Asn Val Ile Ile Gly Tyr Lys Gly Tyr Tyr Gln Ala Tyr Ala Tyr	
65 70 75 80	
aac ggc ggc tcg ctg gat ccc aac aca cgc gtc gaa gaa acc atg aaa	289
Asn Gly Gly Ser Leu Asp Pro Asn Thr Arg Val Glu Glu Thr Met Lys	
85 90 95	
acg ctg aat gtg ggc aaa gag gat ttg ctt atg tgg agc atc agg cag	337
Thr Leu Asn Val Gly Lys Glu Asp Leu Leu Met Trp Ser Ile Arg Gln	
100 105 110	
cag tgc gag gtg ggc gaa gag ctg atc gac cgt tgg ggc agt gac agc	385
Gln Cys Glu Val Gly Glu Glu Leu Ile Asp Arg Trp Gly Ser Asp Ser	
115 120 125	
gac gac tgt ttt cgc gac aac gag ggc cgc ggc cag tgg gtc aaa ggc	433
Asp Asp Cys Phe Arg Asp Asn Glu Gly Arg Gly Gln Trp Val Lys Gly	
130 135 140	
aaa gag ttg gtg aag cgg cag aat aac aat cac ttt gcg cac cac acg	481
Lys Glu Leu Val Lys Arg Gln Asn Asn Asn His Phe Ala His His Thr	
145 150 155 160	
tgc aac aaa tcg tgg cga tgc ggc att tcc act tcg aaa atg tac agc	529
Cys Asn Lys Ser Trp Arg Cys Gly Ile Ser Thr Ser Lys Met Tyr Ser	
165 170 175	
agg ctc gag tgc cag gac gac acg gac gag tgc cag gta tac att ttg	577
Arg Leu Glu Cys Gln Asp Asp Thr Asp Glu Cys Gln Val Tyr Ile Leu	
180 185 190	
gac gct gag ggc aac ccc atc aac gtg acc gtg gac act gtg ctt cat	625
Asp Ala Glu Gly Asn Pro Ile Asn Val Thr Val Asp Thr Val Leu His	
195 200 205	
cga gac ggc gtg agt atg att ctc aaa caa aag tct acg ttc acc acg	673
Arg Asp Gly Val Ser Met Ile Leu Lys Gln Lys Ser Thr Phe Thr Thr	
210 215 220	
cgc caa ata aaa gct gcg tgt ctg ctc att aaa gat gac aaa aat aac	721
Arg Gln Ile Lys Ala Ala Cys Leu Leu Ile Lys Asp Asp Lys Asn Asn	
225 230 235 240	
ccc gag tcg gtg aca cgc gaa cac tgt ttg att gac aat gat ata tat	769
Pro Glu Ser Val Thr Arg Glu His Cys Leu Ile Asp Asn Asp Ile Tyr	
245 250 255	

gat ctt tct aaa aac acg tgg aac tgc aag ttt aac aga tgc att aaa Asp Leu Ser Lys Asn Thr Trp Asn Cys Lys Phe Asn Arg Cys Ile Lys 260 265 270	817
cgc aaa gtc gag cac cga gtc aag aag cgg ccg ccc act tgg cgc cac Arg Lys Val Glu His Arg Val Lys Lys Arg Pro Pro Thr Trp Arg His 275 280 285	865
aac gtt aga gcc aag tac aca gag gga gac act gcc acc aaa ggc gac Asn Val Arg Ala Lys Tyr Thr Glu Gly Asp Thr Ala Thr Lys Gly Asp 290 295 300	913
ctg atg cat att caa gag gag ctg atg tac gaa aac gat ttg ctg aaa Leu Met His Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys 305 310 315 320	961
atg aac att gag ctg atg cat gcg cac atc aac aag cta aac aat atg Met Asn Ile Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met 325 330 335	1009
ctg cac gac ctg ata gtc tcc gtg gcc aag gtg gac gag cgt ttg att Leu His Asp Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile 340 345 350	1057
ggc aat ctc atg aac aac tct gtt tct tca aca ttt ttg tcg gac gac Gly Asn Leu Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp 355 360 365	1105
acg ttt ttg ctg atg ccg tgc acc aat ccg ccg gca cac acc agt aat Thr Phe Leu Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn 370 375 380	1153
tgc tac aac aac agc atc tac aaa gaa ggg cgt tgg gtg gcc aac acg Cys Tyr Asn Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr 385 390 395 400	1201
gac tcg tcg caa tgc ata gat ttt agc aac tac aag gaa cta gca att Asp Ser Ser Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile 405 410 415	1249
gac gac gac gtc gag ttt tgg atc ccg acc atc ggc aac acg acc tat Asp Asp Asp Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr 420 425 430	1297
cac gac agt tgg aaa gat gcc agc ggc tgg tcg ttt att gcc caa caa His Asp Ser Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln 435 440 445	1345
aaa agc aac ctc ata acc acc atg gag aac acc aag ttt ggc ggc gtc Lys Ser Asn Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val 450 455 460	1393
ggc acc agt ctg agc gac atc act tcc atg gct gaa ggc gaa ttg gcc Gly Thr Ser Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala 465 470 475 480	1441
gct aaa ttg act tcg ttc atg ttt ggt cat gta taatgagaat tc	1486

Ala Lys Leu Thr Ser Phe Met Phe Gly His Val
 485 490

<210> 10
 <211> 491
 <212> PRT
 <213> Baculovirus

<400> 10

Asn Ser Thr Met Val Ser Ala Ile Val Leu Tyr Val Leu Leu Ala Ala
 1 5 10 15

Ala Ala His Ser Ala Phe Ala Ala Glu His Cys Asn Ala Gln Met Lys
 20 25 30

Thr Gly Pro Tyr Lys Ile Lys Asn Leu Asp Ile Thr Pro Pro Lys Glu
 35 40 45

Thr Leu Gln Lys Asp Val Glu Ile Thr Ile Val Glu Thr Asp Tyr Asn
 50 55 60

Glu Asn Val Ile Ile Gly Tyr Lys Gly Tyr Tyr Gln Ala Tyr Ala Tyr
 65 70 75 80

Asn Gly Gly Ser Leu Asp Pro Asn Thr Arg Val Glu Glu Thr Met Lys
 85 90 95

Thr Leu Asn Val Gly Lys Glu Asp Leu Leu Met Trp Ser Ile Arg Gln
 100 105 110

Gln Cys Glu Val Gly Glu Glu Leu Ile Asp Arg Trp Gly Ser Asp Ser
 115 120 125

Asp Asp Cys Phe Arg Asp Asn Glu Gly Arg Gly Gln Trp Val Lys Gly
 130 135 140

Lys Glu Leu Val Lys Arg Gln Asn Asn Asn His Phe Ala His His Thr
 145 150 155 160

Cys Asn Lys Ser Trp Arg Cys Gly Ile Ser Thr Ser Lys Met Tyr Ser
 165 170 175

Arg Leu Glu Cys Gln Asp Asp Thr Asp Glu Cys Gln Val Tyr Ile Leu
 180 185 190

Asp Ala Glu Gly Asn Pro Ile Asn Val Thr Val Asp Thr Val Leu His
 195 200 205

Arg Asp Gly Val Ser Met Ile Leu Lys Gln Lys Ser Thr Phe Thr Thr
 210 215 220

Arg Gln Ile Lys Ala Ala Cys Leu Leu Ile Lys Asp Asp Lys Asn Asn
 225 230 235 240

Pro Glu Ser Val Thr Arg Glu His Cys Leu Ile Asp Asn Asp Ile Tyr
 245 250 255

Asp Leu Ser Lys Asn Thr Trp Asn Cys Lys Phe Asn Arg Cys Ile Lys
 260 265 270

Arg Lys Val Glu His Arg Val Lys Lys Arg Pro Pro Thr Trp Arg His
 275 280 285

Asn Val Arg Ala Lys Tyr Thr Glu Gly Asp Thr Ala Thr Lys Gly Asp
 290 295 300

Leu Met His Ile Gln Glu Glu Leu Met Tyr Glu Asn Asp Leu Leu Lys
 305 310 315 320

Met Asn Ile Glu Leu Met His Ala His Ile Asn Lys Leu Asn Asn Met
 325 330 335

Leu His Asp Leu Ile Val Ser Val Ala Lys Val Asp Glu Arg Leu Ile
 340 345 350

Gly Asn Leu Met Asn Asn Ser Val Ser Ser Thr Phe Leu Ser Asp Asp
 355 360 365

Thr Phe Leu Leu Met Pro Cys Thr Asn Pro Pro Ala His Thr Ser Asn
 370 375 380

Cys Tyr Asn Asn Ser Ile Tyr Lys Glu Gly Arg Trp Val Ala Asn Thr
 385 390 395 400

Asp Ser Ser Gln Cys Ile Asp Phe Ser Asn Tyr Lys Glu Leu Ala Ile
 405 410 415

Asp Asp Asp Val Glu Phe Trp Ile Pro Thr Ile Gly Asn Thr Thr Tyr
420 425 430

His Asp Ser Trp Lys Asp Ala Ser Gly Trp Ser Phe Ile Ala Gln Gln
435 440 445

Lys Ser Asn Leu Ile Thr Thr Met Glu Asn Thr Lys Phe Gly Gly Val
450 455 460

Gly Thr Ser Leu Ser Asp Ile Thr Ser Met Ala Glu Gly Glu Leu Ala
465 470 475 480

Ala Lys Leu Thr Ser Phe Met Phe Gly His Val
485 490